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9 OCT 1962

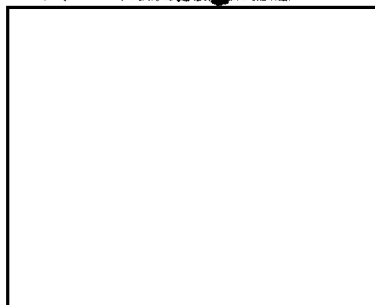
**MEMORANDUM FOR THE RECORD**

**SUBJECT: Meeting on U-2 Operational Support Requirements**

1. The following personnel met at 0930 4 October 1962 to determine the operational support requirements for the U-2 program:

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Mr. Cunningham



DAD/OSA  
LAC  
C/MD/OSA  
Commo/OSA  
OEL  
OD/OSA  
OB/OSA  
MD/OSA  
C/OD/OSA  
MD/OSA

2. Review of present Mod/IRAN Program:

a. The following Mod/IRAN schedule was developed at the meeting to insure the maximum available aircraft and accomplish Product Improvement to up-date as soon as possible:

<u>AIRCRAFT</u>	<u>INPUT DATE</u>	<u>COMPLETION DATE</u>
342	29 Oct '62	21 Jan '63
343	21 Jan '63	4 Mar '63
352 (Test)	8 Oct '63	1-10 Dec '62
353	Operational Aircraft	
358	15 Oct '62	10 Dec '62
359	23 Jul '62	29 Oct '62
367	19 Nov '62	11 Mar '63

b. It was agreed that Article 352 would be used as a test vehicle to accomplish all testing presently scheduled.

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(1) Product Improvement Program to be accomplished with Article 352:

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- (a) [ ] Engine Checks
- (b) New Alternator Tests
- (c) Auto Pilot Mod Tests
- (d) New Inverter Tests
- (e) ARC-51 Tests

(2) Upon completion of the above (approximately 20 November), the System XII and [ ] would be installed at LAC and flight tested on the east coast.

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Completion date for these tests presently estimated as late December 1962.

c. LAC will require a J-75 engine to install in Article 367 on or before 28 January 1963.

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3. System III and [ ]

a. Present power is considered adequate with additional DC generator cooling.

b. Slipper tank type wing pods will be fabricated to accommodate [ ] Pods to have improved mounts for ease of hanging and removing from wing.

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c. The System XII will be mounted in the cheek area.

d. System XII and [ ] will be tested in Article 352 during the month of December 1962. The two systems will be delivered to LAC by 1 November for installation.

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e. The [ ] system and [ ] platform cannot be carried aboard with above systems due to lack of available power.

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f. Additional weight of the two systems will be about 250 pounds.

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4. Modification of System IX

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a. [ ] stated the new System IX [ ] is approximately 4½ months downstream in the present plan. He mentioned that if a higher priority could be placed on this development, this lead time could possibly be reduced. Lead time [ ] out is approximately 2½ months. 25X1A

b. [ ] will test heat radiation for the new System IX and will notify us of any modifications that may be required in the tail area. If special cooling is not required, the new System IX can be installed in the field. 25X1A

c. [ ] requested to be issued a work order to cover fabricating six System IX boxes.

5. Status of Product Improvement Studies

a. 30 KVA Alternator

This unit will be tested on Article 352 during November 1962.

b. Auto Pilot

The following autopilot components will be tested on Article 352 during November 1962:

- (1) An automatic pitch trim cut-off which will give oral and visual signals to the pilot upon cut-off.
- (2) A check will be made to determine the feasibility of limiting the pitch gyro to 10° per second change in attitude.
- (3) Modify the present mach sense amplifier to act as a back-up for the auto pilot amplifier with cockpit switch-over capability.

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- (4) [ ] will submit an ECP on the auto pilot mods when testing is completed.

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**c. Ejection System**

- (1) Service Bulletin for the improved ejection system has been published and kits should be available soon. Article 359 will be the first aircraft equipped. The new seat will add 57 lbs total weight.
- (2) It was agreed to accomplish this modification ten days after receipt of the kits in the field.

6. The decision was reached to release two ACR-51 UHF transceivers from the OXCART program for test on Article 352. There are 20 ACR-51's surplus to the OXCART program. These will be used to replace ACR-34's now installed on all U-2's if the test proves satisfactory.

**7. Miscellaneous**

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a. [ ] will investigate and develop a recommended destruction for [ ] equipment to be installed in a slipper tank.

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b. Re Q-343 Seat Kit: MD/OSA will coordinate with Detachment G on the location of the QED and forward this information to LAC so they may continue development on this kit.

**c. Re the modified map kit:**

OD/OSA will plot a mission on the new size small cards to determine feasibility of using the new size recommended by LAC.

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d. All [ ] are being modified to fit in the newly designed fuselage "doghouse" on U-2F Aircraft.

e. Aircraft rewiring will be accomplished as part of the IRAN program.

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[ ]  
Chief, Materiel Division  
OSA-DD/R

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MD/OSA-DD/R

Distribution: Cy 1 - MD/OSA

2 - AD/OSA

3 - DAD/OSA

4 - LAC

5 - Commo/OSA

6 - OEL

7 - C/OD/OSA

8 - RIB/OSA

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